Materiel Readiness Integrated Product Team

Albany, Georgia

29 – 30 January 2003

MATCOM

CTC Concurrent Technologies Corporation

Materiel Readiness IPT
(Working Group Meeting)
Wednesday, 29 Jan 03

- 0800-0815 Opening Comments
- 0815-0830 Introductions/Admin
- 0830-0900 MRIPT Review
- 0900-1130 Operating Forces Requirements Determination Tool
- 1130-1230 Lunch
- 1230-1630 MERIT Demonstration
  MERIT Feedback
  Phase I Requirement Validation

Materiel Readiness IPT
(Working Group Meeting)
Thursday, 30 Jan 03

- 0830-0930 **"<u>The MERIT Vision</u>": MERIT 2004**
- 0930-1130 Phase II: Requirements Development
- 1130-1230 Lunch
- 1230-1400 Readiness Discussions
- 1400-1500 Materiel Readiness Briefing Process
- 1500-1600 Prep for Executive Out-brief
- 1600-1630 Executive Out-brief

Materiel Readiness IPT Review

Last time, we….

- Defined measures, data sources/elements and ownership
- Prioritized drivers for further development
- Received consensus on driver integration with MRAM Development
- Automation: PB Views
- Completed the re-write of MCO 3000.11D
- OMRIPT: Apr 02
- Requirements IPT: Jul 02
- MERIT Roadshow:
  - Dec 02: HQ DLA, HQMC (I&L/PP&O), MCSC, ALOC, Congressional Staffers
  - Jan 03: HQ DLA, MCSC
  - Feb 03: OSD
- MERIT OIC: 20 Dec 02

Suggested Process

- **HQMATCOM, R&A lead six week rapid development cycle**

1. **Identify functionalities**
2. **Assign development lead (should be analyst)**
3. **Collect data set (1 week)**
4. **Develop/determine analytical relationships and displays (4 weeks)**
5. **Review as needed but at least once during development**
6. **Disseminate findings to (a) MARFORs, (b) MATCOM management, © Commander, MATCOM (1 week)**
7. **Form transition team & assign lead (manager, analyst, programmer)**
8. **Pass approved relationships/displays for automation**

Driver Mapping

- The MRIPT:
  - Identified 24 Materiel Readiness Drivers
  - Mapped Drivers to 7 Project Areas
    - Materiel Readiness
    - SCM
    - Depot Level Maintenance
    - Life Cycle Management Planning
    - In Stores
    - Policy
    - External

Materiel Readiness

- **Equipment Poster**
  - **Functional Area**
  - **Equipment Type**
  - **Unit Posture**
- **Current Snapshot**
  - **Functional Area**
  - **Equipment Type**
  - **Operational Temp**
  - **Comparisons**
- **Historical Trends**
- **FA: USMC/MEF/MSC/UIC**
  - **TAMCN**
    - **MEF/MSC/UIC**

Supply Chain Management

- **SECREP**
  - **Unit**
  - **PEI-SECREP Associations**
  - **RCT/OST**
- **Consumables**
  - **RCT/OST by supplier**
  - **Unit**
- **Backorders**
- **CLS**
- **Direct Vendor**
- **Open Source**

Depot Maintenance

- **Production/Planning/Requirement**
- **Relationship to Materiel Readiness**
- **MWS – by TAMCN/NSN (PEI/SDR)**
- **Source of Repair Issues/CLS Contract**
- **Statement of Work**
- **MPS - schedules**
- **Production Progress Report (TAMCN/NSN: PEI/SDR)**
- **Rotation Programs**
- **Work Performed Outside the MWS (Repair and Return)**
- **PQDRs**
- **Wholesale: Link to Stock Control System**
- **PMCS Initiative**

Life Cycle Management

- **Program Status**
  - **Acquisition Decisions, POM Standing, Fielding – ULSS/Fielding Plans, Advocate Support**
- **Engineering Specifications**
  - **UNS, ORD, LAP**
  - **Technical Data Packages**
- **TFSMS**
  - **Requirements, Item Exit Dates, etc.**
- **Funding/Cost (IRP)**
  - **TOC: O&MMC®, PMC, RDT&E, Navy Working Capital, NGRER, OSD, Congressional Plus Ups**

- **IS A LINK TO CAPS THE ANSWER?**

In Stores

- Materiel Readiness
  - MARFORRES Allocation
- Supply Readiness
  - Depot Maintenance relationship
  - Funding
- Surplus and disposal

Policy

- **Identify policies that affect MR**
  - **Direct relationship**
  - **Indirect relationship**
  - **External reporting requirement**
- **Determine impact on MR**
- **Recommend changes**
- **Monitor impact on materiel readiness**

External

- **MCCDC – equipment requirements**
  - **Requirement generation**
  - **Allowances**
- **HQMC (M&RA) – supply, maintenance MOS staffing**
  - **Manpower**
  - **T/A versus T/E reporting requirements**
- **TECOM/Training – supply, maintenance aptitude**
- **MARFOR Data sources**
  - **Operational tempo**
  - **MR Comparisons**
- **Office of Naval Research – relationship to acquisition/procurement**
  - **Science and Technology**
  - **Future Naval Capability**

Questions ?

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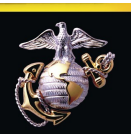

MARINE CORPS EQUIPMENT READINESS INFORMATION TOOL (MERIT)

INFORMATION BRIEF

January 2003

Where did MERIT come from?

Materiel Readiness (MR) IPT chartered to:

- examine problems in Materiel Readiness

Results were:

- “one watch” required
- need for information visibility across levels
- Business Process Re-engineering

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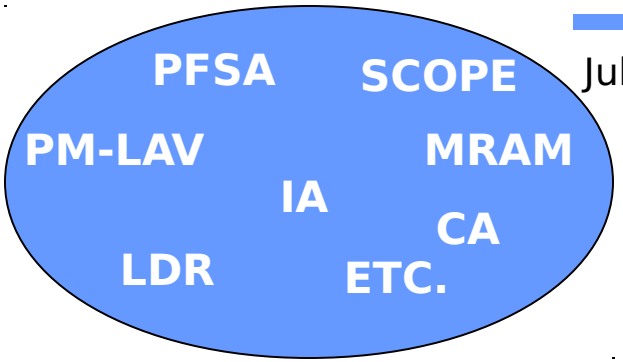
Where did MERIT come from?

Materiel Readiness - IPT

Sep 2000

IT Consolidation Work Effort



Jul 2002

MERIT

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What is MERIT?

- Equipment readiness management and decision support tool
  - Capitalized on existing Marine Corps efforts
  - Powerful web-enabled application
  - Versatile, scalable, and intuitive

What does MERIT do?

- Transforms data into valuable information
  - 2 seconds to identify a problem
  - 10 seconds to find the cause
- Provides customized information on current and historical readiness
- Visibility from top level Marine Corps readiness posture to the supply/maintenance status of a part
- Puts sunshine on the problems

Where is MERIT applicable?

- Anyone concerned/associated with ensuring readiness of Marine Corps equipment
- Anyone needing daily visibility of readiness trends, problems and associated causes
- Anyone requiring detailed information

Where are we going?

- Project Areas mapped to Phases
  - Phase I: Materiel Readiness and SCM
  - Phase II: SCM, Depot Level Maint and Wholesale
  - Phase III: Life Cycle Management Planning
  - Phase IV: In Stores and Policy
  - Phase V: External

When are we going to get there?

- Phase I: IOC 20 Dec 02
  FOC 21 Mar 03
- Phase II: FOC 15 Aug 03
- Phase III: FOC 16 Jan 04
- Phase IV: FOC 18 Jun

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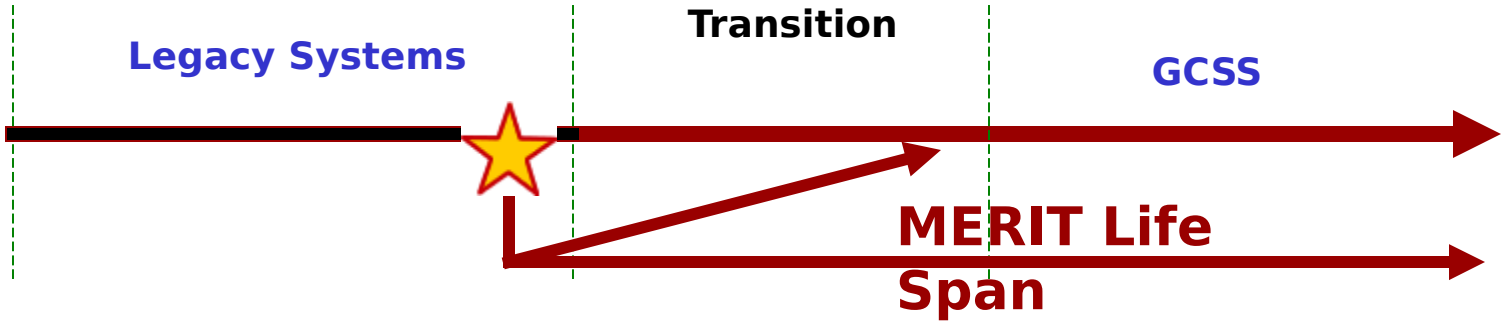
Where Do MERIT Fit?

Meets Legacy, Current & Future Systems Integration Needs



Questions ?

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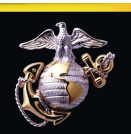

Want to see MERIT?

Do demo now